



Producer: Arak Petrochemical Company (ARPC) / Iran

Moplen Z30S (Fibre)

Description:

Moplen Z30S is a high melt flow homopolymer for the production of CF, BCF & staple fibres at medium to high spinning speeds.

Moplen Z30S is suitable for low denier staple fibres for nonwoven fabrics, diapers, medical-sanitary applications & wipes. Another typical application is high tenacity continuous filament for straps for backpacks, sport bags, bulk bags & for safety belts.

Continuous filament with medium tenacity is used for upholstery & sportswear.

Another typical application of **Moplen HP550J** is the extrusion of nets for various purposes.

Moplen Z30S is also suited for the production of bulked continuous filament for carpets.

Moplen Z30S is suitable for food contact.

DESCRIPTION OF PROPERTIES	TEST METHOD (ASTM)	UNIT	VALUE
MFR @ 230°C , 2.16 Kg	D-1238/L	gr/10min	25
Flexural Modulus	D790	Mpa	1500
Notched Izod Impact @ 23°C	D256	J/m	30
Tensile Strength @ Yield	D-638	Mpa	32
Elongation @ Yield	D-638	%	13
Vicat Softening Point , 10N	D1525	°C	152
HDT (0.46 N/mm ²)	D648	°C	94
Rockwell Hardness	D785	R.Scale	100
Oven Ageing @ 150°C	D3012	Hours	150

• Values shown are averages & are not to be considered as product specifications.